

WHAT IS CLAIMED IS:

1. A non-reciprocal circuit element comprising:  
a yoke including, therein:  
5           a magnetic plate;  
              a plurality of line conductors disposed on a main  
surface of the magnetic plate and insulated from one another,  
each line conductor having a terminal segment;  
              a plurality of capacitor chips disposed around the  
10 magnetic plate; and  
              a magnet for applying a DC bias magnetic field in a  
direction substantially perpendicular to the main surface of  
the magnetic plate,  
              wherein the line conductors intersect on a main surface  
15 of the magnetic plate and are connected to one another on the  
other main surface of the magnetic plate, the terminal  
segments of the line conductors are connected to the  
capacitor chips, and the magnet has a major axis and a minor  
axis in plan view and has a convex surface on at least one  
20 peripheral portion thereof.
2. The non-reciprocal circuit element according to  
claim 1, wherein the magnet has a plan-view shape generated  
by partially cutting a circle or an ellipse along a straight  
25 line.
3. The non-reciprocal circuit element according to  
claim 1, wherein the magnet has an elliptic shape in plan

view.

4. The non-reciprocal circuit element according to  
claim 2, wherein the magnet has a plan-view shape of a racing  
5 track.

5. The non-reciprocal circuit element according to  
claim 1, wherein a projection plane of the magnetic plate is  
identical to or completely disposed within a projection plane  
10 of the magnet.

6. The non-reciprocal circuit element according to  
claim 1, wherein the ratio of the minor axis of the magnet to  
the minor axis of the magnetic plate or the ratio of the  
15 major axis of the magnet to the major axis of the magnetic  
plate ranges from 1.0 to 1.9.

7. The non-reciprocal circuit element according to  
claim 6, wherein the ratio of the minor axis of the magnet to  
20 the minor axis of the magnetic plate or the ratio of the  
major axis of the magnet to the major axis of the magnetic  
plate ranges from 1.6 to 1.9.